

# **CERTIFICATION CURRICULUM MANUAL**

## **CHAPTER ELEVEN**

### **WILDLAND FIRE FIGHTER**

**EFFECTIVE JANUARY 1, 2018**



**Texas Commission on Fire Protection**  
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**CERTIFICATION CURRICULUM MANUAL – CHAPTER ELEVEN**

# **BASIC WILDLAND FIRE FIGHTER**

**CHAPTER ELEVEN**  
**BASIC WILDLAND FIRE FIGHTER**  
**CURRICULUM OUTLINE**

<b>SECTION</b>	<b>SUBJECT</b>	<b>RECOMMENDED HOURS</b>
1101-4.1	General	4
1101-4.2	Human Resource Management	0
1101-4.3	Preparedness	4
1101-4.4	Mobilization	0
1101-4.5	Suppression	24
1101	Performance Skills	8
<b>TOTAL RECOMMENDED HOURS</b>		<b>40</b>

\*The total recommend hours is based on a class of 12 students. Actual hours required will depend on the number of students, the number of examiners, availability of equipment, and the student skill level.

## REFERENCE LIST FOR THE BASIC WILDLAND FIRE FIGHTER CURRICULUM

Certified Training Facilities approved to teach this curriculum must have the following reference materials:

*Firefighter Training S-130, Instructor Guide* (2003). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

*Firefighter Training S-130, Student Work Book* (2003). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

*Incident Response Pocket Guide, PMS 461* (2014). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

*Introduction to Wildland Fire Behavior S-190, Instructor Guide* (March, 2006). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

*Introduction to Wildland Fire Behavior S-190, Student Work Book* (March, 2006). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

*New Generation Fire Shelter* (2003). [DVD] Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

As of 8/22/2016, there is a free version of this DVD available for viewing at the following web address: <http://www.youtube.com/watch?v=QJsY6foLh8o>

*NFPA 1051: Standard for Wildland Firefighting Personnel Professional Qualifications* (2016 Ed.). Quincy, MA: National Fire Protection Association. NFPA Publications

*Standards Manual for Fire Protection Personnel*. Austin, TX: Texas Commission on Fire Protection.

*Wildland Fire Incident Management Field Guide, PMS 210* (2014). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

As of 8/22/2016, this guide is only available electronically and is posted at the following web address: [www.nwcg.gov/sites/default/files/products/pms210.pdf](http://www.nwcg.gov/sites/default/files/products/pms210.pdf) It is available free of charge for downloading and printing.

## **OVERVIEW**

### **BASIC WILDLAND FIRE FIGHTER**

The Basic Wildland Fire Fighter is required to meet the Job Performance Requirements (JPRs) of chapter 4 of National Fire Protection Association (NFPA) 1051, *Standard for Wildland Firefighting Personnel Professional Qualifications*, 2016 edition.

The following items are included in the Basic Wildland Fire Fighter section of Chapter 11 of the curriculum manual:

- Course Instructor Information
- Reference List (textbooks and other recommended course materials)
- Course Outline (establishes the recommended hours for teaching this course)

This is a voluntary (non-mandatory) certification, therefore a formal “curriculum” is not provided. Please use chapter 4 of NFPA 1051 as a guide when creating your own course curriculum.

Performance skills are available in Chapter 11 of the Skills Manual.

All documents in this curriculum manual, and in the skills manual, are available free of charge to download, copy and distribute as necessary. The TCFP does not provide printed copies.

#### **Definition of a Basic Wildland Fire Fighter**

A Basic Wildland Fire Fighter is an individual who has met the requirements of NFPA 1051, *Standard for Wildland Firefighting Personnel Professional Qualifications* and has the knowledge, skills, and abilities to conduct wildland fire fighting operations by having and maintaining a knowledge of:

- Fireline safety
- Use of personal protective equipment
- Use of hand tools
- Principles of fireline construction
- Recognizing hazards and unsafe conditions

## ***COURSE INSTRUCTOR INFORMATION***

### **Instructor Qualifications**

Basic Wildland Fire Fighter courses must be taught by a person meeting the requirements described in Chapter 427§307 of the TCFP Standards Manual.

### **Supplemental Information**

Instructors are expected to provide supplemental information if the main reference text does not cover all of the knowledge requirements set forth in the NFPA standard.

### **Certification Testing**

Testing for certification in the state of Texas will be based on the knowledge and skills requirements in chapter 4 of National Fire Protection Association (NFPA) 1051, *Standard for Wildland Firefighting Personnel Professional Qualifications*, 2016 edition. All training programs must strictly adhere to the NFPA standard.

All test questions and performance skills evaluations will be based on the NFPA Job Performance Requirements (JPRs), requisite knowledge objectives, and requisite skills objectives found in the NFPA standard. Additionally, questions and performance skill evaluations may include information found in, or derived from, the NFPA standard annex, particularly Annex A which includes explanatory material that may further clarify JPRs. The following is an example from NFPA 1051, section 4.5.2:

<b>NFPA Standard/Curriculum</b>	<b>Explanation</b>
4.5.2 Assemble and prepare for response, given an assembly location, an assignment, incident location, mode of transportation, and the time requirements, so that arrival at the incident with the required personnel and equipment meets agency guidelines.	NFPA JPR number 4.5.2
<b>(A)* Requisite Knowledge:</b> Equipment requirements, agency time standards and special transportation considerations (weight limitations), agency safety, and operational procedures for various transportation modes.	Requisite knowledge objectives for 4.5.2  Written test questions and/or performance skills will be used to test these knowledge components on the state certification exam.
<b>(B) Requisite Skills:</b> None specified.	Requisite skills objectives for 4.5.2

	Only performance skills will be used to test these objectives on the state certification exam. In this example, there are no skills specified, so there will be no skills tested.
<b>A.4.5.2(A):</b> Personal equipment standards, response and travel time standards, personal equipment weight limitations, and preferred modes of transportation all can vary by the AHJ.	Appendix A: Explanatory Material for 4.5.2(A)

### TCFP Standards Manual

It is critical that the Course Instructor review the chapters in the TCFP Standards Manual that apply to this curriculum. Of primary importance are the following chapters:

Chapter 421, *Standards for Certification*

Chapter 427, *Training Facility Certification*

Chapter 435, *Fire Fighter Safety*

Chapter 437, *Fees*

Chapter 455, *Standards for Wildland Fire Protection Certification*

These chapters do not address every issue that could impact this curriculum; therefore, the Course Instructor is encouraged to become familiar with the TCFP Standards Manual.

### Descriptions of Certification Levels

For additional information, see Chapter 421 of the Texas Commission on Fire Protection Standards Manual for Fire Protection Personnel.

## ***INSTRUCTION SHEET***

### ***BASIC WILDLAND FIRE FIGHTER PERFORMANCE SKILLS***

#### **Format**

The Basic Wildland Fire Fighter performance skills were designed to meet both the NFPA and NWCG national standards. For optimal learning, scenario-based training and role-playing is recommended; however, based on departmental needs certain activities may be simulated by other means. Skills demonstration requires realism, and should be conducted at various wildland/urban interface situations when possible. The Course Instructor should specify time constraints as necessary.

Note: The Basic Wildland Fire Fighter performance skills are numbered so that there is one skill per subject area. This means that all of the skills will be evaluated during the final TCFP designated skills testing. Some skills have multiple sections which are all considered part of that skill. Therefore, all parts of each skill must be evaluated.

#### **Scoring Method**

The scoring method is satisfactory (S) or unsatisfactory (U) for each grading criteria, and a Pass or Fail for the entire skill sheet. In order to successfully pass the Basic Wildland Fire Fighter skills evaluation, the Basic Wildland Fire Fighter candidate must receive satisfactory scores in all of the grading criteria. Any grading criteria marked unsatisfactory shall require the examiner to explain the reason for the failure in written form in the comments section of the skill sheet.

#### **Preparation and Equipment**

Some of the skills require the use of departmental policies. It is suggested that the Course Instructor use the policies and procedures from his/her department. If teaching this course at a non-departmental institution, acquire a fire department's policies and procedures, or modification thereof, to complete these skills.

**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

**SKILL #1**  
Using a Fire Shelter

**Subject: General**

**NFPA 1051, 4.1.1**

**Basic Wildland Firefighter**

**OBJECTIVE**

Properly uses required personal protective equipment. (4.1.1)

**INSTRUCTIONS - procedures for achieving the objective**

You will be given a practice fire shelter in a protective bag. You will demonstrate how to properly deploy a fire shelter in 25 seconds or less. You will begin on my instruction to start. **Time will end** when you state to me that the shelter has been properly deployed. **The skill will end** when you are told that it is safe to come out of the shelter. Do you understand these instructions?

**EXAMINER'S NOTE**

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

**PREPARATION & EQUIPMENT**

Practice fire shelter

Hand tools

Timing device

The wildland firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR WILDLAND FIREFIGHTERS**" as defined in the *Fireline Handbook* (Appendix A, p. 39) which includes hard hat, fire resistant shirt/pants or jump suit, 8" leather boots, leather gloves, fire shelter, hearing/eye protection.

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

**SKILL #1**  
Using a Fire Shelter

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

School: \_\_\_\_\_

Test Site: \_\_\_\_\_

Basic Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #1	S	U	S	U
Properly uses required personal protective equipment. (4.1.1)				
a. Properly wears the required PPE				
b. Leaves hand tools well away from fire shelter				
c. Removes shelter from protective bag				
d. Shakes out and opens folds				
e. Steps into shelter holding bottom flaps down with feet and holding top flaps with gloved hands (no body parts may be outside the shelter)				
f. Positions body so feet are toward oncoming flame front				
g. Verbally states when shelter is properly deployed. <b>Time stops here.</b>				
h. Stays in shelter until supervisor advises it's safe to come out				
i. Performs skill in a safe and proficient manner				
j. Completes deployment in 25 seconds or less				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

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**TEXAS COMMISSION ON FIRE PROTECTION  
BASIC WILDLAND FIREFIGHTER**

Performance Standards Evaluation

**Evaluator/Candidate Comments:**

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**All steps of the skill objective are mandatory and must be scored as  
“Satisfactory” to pass the skill.**

\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score

Pass ☐ Fail ☐

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Re-Test Score

Pass ☐ Fail ☐

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# TEXAS COMMISSION ON FIRE PROTECTION BASIC WILDLAND FIREFIGHTER

Performance Standards Evaluation

## SKILL #2 – Part 1

Inspect Personal Protective Equipment

**Subject: Preparedness**

**NFPA 1051, 4.3.2, 4.1.1**

**Basic Wildland Firefighter**

### OBJECTIVE

Maintain assigned personal protective equipment, given the standard equipment issue, so that the equipment is serviceable and available for use on the fireline and defects are recognized and reported to the supervisor. (4.3.2)

Basic verbal communications (4.1.1)

### INSTRUCTIONS - procedures for achieving the objective

You will be given a complete set of wildland firefighter personal protective equipment. You shall perform an inspection of the protective equipment in a proficient manner. You will verbally state whether each item is serviceable or defective. You shall also describe the inspection frequency for fire shelters. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

### EXAMINER'S NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing. The frequency of fire shelter inspection is upon shelter issuance, the beginning of each fire season, and every two weeks during each fire season.

### PREPARATION & EQUIPMENT

Practice fire shelter

Hard hat

Fire resistant shirt/pants or jump suit

8" leather boots

Leather gloves

Eye protection

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# TEXAS COMMISSION ON FIRE PROTECTION BASIC WILDLAND FIREFIGHTER

## Performance Standards Evaluation

### SKILL #2 – Part 1 Inspect Personal Protective Equipment

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

School: \_\_\_\_\_

Test Site: \_\_\_\_\_

Basic Wildland Firefighter		TEST		RETEST	
SKILL #2 – Part 1		S	U	S	U
Maintain assigned personal protective equipment, given the standard equipment issue, so that the equipment is serviceable and available for use on the fireline and defects are recognized and reported to the supervisor. (4.3.2)					
Basic verbal communications (4.1.1)					
Shirt/pants or jumpsuit		S	U	S	U
a. Checks label for conformance with standard and care instructions					
b. Checks for tears					
c. Checks for worn areas					
d. Checks for cleanliness					
e. Checks reflective trim (if applicable)					
f. <i>Verbally states whether clothing is serviceable or defective</i>					
Hard hat/helmet		S	U	S	U
a. Checks label for conformance with standard and care instructions					
b. Checks shell for excessive wear or damage					
c. Checks components of impact system					
d. Checks chin strap for excessive wear or damage					
e. Checks eye protection for excessive wear or damage					
f. Checks shroud (if applicable) for excessive wear or damage					
g. <i>Verbally states whether hard hat/helmet is serviceable or defective</i>					

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

<b>Leather gloves</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a. Checks label for conformance with standard and care instructions				
b. Checks for excessive wear or damage				
c. Checks for flexibility and fit based on agency SOPs				
d. <i>Verbally states whether leather gloves are serviceable or defective</i>				
<b>8" Leather boots</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a. Checks label for conformance with standard and care instructions				
b. Checks for excessive wear or damage				
c. Checks for cleanliness based on agency SOPs				
d. Checks for proper fit based on agency SOPs				
e. <i>Verbally states whether boots are serviceable or defective</i>				
<b>Fire shelter</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a. Checks carrying case for excessive wear or damage				
b. Checks protective bag for discoloration or debris				
c. Checks for tears on shelter longer than ¼"				
d. Does not remove shelter from sealed bag				
e. <i>Verbally states whether shelter is serviceable or defective</i>				
<b>Inspection frequency of the fire shelter</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a. <i>Verbally states when inspections should be performed</i>				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Evaluator/Candidate Comments:**

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**TEXAS COMMISSION ON FIRE PROTECTION  
BASIC WILDLAND FIREFIGHTER**

Performance Standards Evaluation

**All steps of the skill objective are mandatory and must be scored as  
“Satisfactory” to pass the skill.**

<hr style="border: none; border-top: 1px solid black; margin-bottom: 5px;"/> <div>Certifying Examiner</div>	<hr style="border: none; border-top: 1px solid black; margin-bottom: 5px;"/> <div>Date</div>	<div>Overall Skill Sheet Score</div> <div>Pass <input type="checkbox"/>      Fail <input type="checkbox"/></div>
<hr style="border: none; border-top: 1px solid black; margin-bottom: 5px;"/> <div>Re-Test Certifying Examiner</div>	<hr style="border: none; border-top: 1px solid black; margin-bottom: 5px;"/> <div>Date</div>	<div>Overall Skill Sheet Re-Test Score</div> <div>Pass <input type="checkbox"/>      Fail <input type="checkbox"/></div>

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# TEXAS COMMISSION ON FIRE PROTECTION BASIC WILDLAND FIREFIGHTER

## Performance Standards Evaluation

### **SKILL #2 – Part 2** Equipment Maintenance

**Subject: Preparedness**

**NFPA 1051, 4.3.3**

**Basic Wildland Firefighter**

#### **OBJECTIVE**

Maintain assigned suppression hand tools and equipment, given tools and equipment and agency maintenance specifications, so that assigned equipment is maintained and serviceable and defects are recognized and reported to the supervisor. (4.3.3)

#### **INSTRUCTIONS - procedures for achieving the objective**

Given a randomly selected piece of equipment, you shall demonstrate the ability to clean, check, sharpen and place equipment in a ready state or report otherwise.

- Axe
- Pulaski
- McLeod
- Combi tool
- Shovel
- Other tools that can be sharpened

#### **EXAMINER'S NOTE**

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

The examiner will identify which tool is chosen for the skill.

#### **PREPARATION & EQUIPMENT**

Axe  
Pulaski  
McLeod  
Combi tool  
Shovel  
Grub hoe  
File

The wildland firefighter trainee shall accomplish the skill wearing leather gloves and eye protection.

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

**SKILL #2 – Part 2**  
Equipment Maintenance

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

School: \_\_\_\_\_

Test Site: \_\_\_\_\_

<b>Basic Wildland Firefighter</b>	<b><u>TEST</u></b>		<b><u>RETEST</u></b>	
	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
<b>SKILL #2 – Part 2</b>				
Maintain assigned suppression hand tools and equipment, given tools and equipment and agency maintenance specifications, so that assigned equipment is maintained and serviceable and defects are recognized and reported to the supervisor. (4.3.3)				
a. Selects correct tool				
b. Sharpens and performs maintenance techniques				
c. Follows maintenance guidelines per AHJ or manufacturer's recommendations				
d. Recognizes and reports defects if applicable (AHJ)				
e. Performs skill in a safe and proficient manner				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Evaluator/Candidate Comments:**

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

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**TEXAS COMMISSION ON FIRE PROTECTION  
BASIC WILDLAND FIREFIGHTER**

Performance Standards Evaluation

\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score

Pass ☐ Fail ☐

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Re-Test Score

Pass ☐ Fail ☐

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

**SKILL #3 – Part 1**  
Using the IRPG

**Subject: Suppression**

**NFPA 1051, 4.5.3**

**Basic Wildland Firefighter**

**OBJECTIVE**

Recognize hazards and unsafe situations given a wildland or wildland/urban interface fire and the standard safety policies and procedures of the agency, so that the hazard(s) and unsafe condition(s) are communicated to the supervisor and appropriate action is taken. (4.5.3)

**INSTRUCTIONS - procedures for achieving the objective**

Using the *IRPG*, you will identify and describe the standard safety policies and procedures for a wildland or wildland/urban interface fire. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

**EXAMINER'S NOTE**

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing. To meet the skill steps evaluation criteria, the wildland firefighter trainee shall identify (locate in the *IRPG*) and describe (summarize and explain the importance of) each of the standard safety policies and procedures.

**PREPARATION & EQUIPMENT**

*IRPG*

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

**SKILL #3 – Part 1**  
Using the IRPG

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

School: \_\_\_\_\_

Test Site: \_\_\_\_\_

Basic Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
	S	U	S	U
<b>SKILL #3 – Part 1</b>				
Recognize hazards and unsafe situations given a wildland or wildland/urban interface fire and the standard safety policies and procedures of the agency, so that the hazard(s) and unsafe condition(s) are promptly communicated to the supervisor and appropriate action is taken. (4.5.3)				
a. Identify and describe LCES				
b. Identify and describe the briefing checklist				
c. Identify and describe standard firefighting orders				
d. Identify and describe watchout situations				
e. Identify and describe common denominators on tragedy fires				
f. Identify and describe downhill checklist				
g. Identify and describe wildland urban/interface tactical challenges and hazards				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Evaluator/Candidate Comments:**

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score
Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score
Pass <input type="checkbox"/> Fail <input type="checkbox"/>

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

**SKILL #3 – Part 2**  
Construct a Fireline

**Subject: Suppression**

**NFPA 1051, 4.5.4**

**Basic Wildland Firefighter**

**OBJECTIVE**

Construct a fireline, given a wildland fire, agency line construction standards, suppression tools, water or other suppression agents, and equipment, so that the fireline conforms to the construction standard. (4.5.4)

**INSTRUCTIONS - procedures for achieving the objective**

Given a simulated wildland fire, suppression tools, water or other suppression agents and equipment, you will construct a fire line. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

**EXAMINER'S NOTE**

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

**PREPARATION & EQUIPMENT**

Axe  
Pulaski  
McLeod  
Combi tool  
Shovel  
Grub hoe  
Fire rake  
Broom  
Other miscellaneous hand tools (AHJ)  
Backpack pump or other agent application equipment (AHJ)

The wildland firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR WILDLAND FIREFIGHTERS**" as defined in the *Fireline Handbook* (Appendix A, p. 39) which includes hard hat, fire resistant shirt/pants or jump suit, 8" leather boots, leather gloves, fire shelter, hearing/eye protection.

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

**SKILL #3 – Part 2**  
Construct a Fireline

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

School: \_\_\_\_\_

Test Site: \_\_\_\_\_

Basic Wildland Firefighter		<u>TEST</u>		<u>RETEST</u>	
SKILL #3 – Part 2		S	U	S	U
Construct a fireline, given a wildland fire, agency line construction standards, suppression tools, water or other suppression agents, and equipment, so that the fireline conforms to the construction standard. (4.5.4)					
a. Correctly uses hand tools to construct an adequate fire line					
b. Demonstrates proper fire stream practices and/or agent application					
c. Performs skill in a safe and proficient manner					

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Evaluator/Candidate Comments:**

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score

Pass ☐ Fail ☐

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Re-Test Score

Pass ☐ Fail ☐

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

**SKILL #3 – Part 3**  
Ignition Devices

**Subject: Suppression**

**NFPA 1051, 4.5.5**

**Basic Wildland Firefighter**

**OBJECTIVE**

Secure the fireline, given a wildland fire and suppression tools, water or other suppression agents, and equipment, so that burning materials and unburned fuels that threaten the integrity of the fireline are located and abated. (4.5.5)

**INSTRUCTIONS - procedures for achieving the objective**

You will identify and assemble basic ignition devices for use to secure a fireline so that burning materials and unburned fuels that threaten the integrity of the fireline are located and abated. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

**EXAMINER'S NOTE**

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing. At no time will live fire be used during this simulation.

**PREPARATION & EQUIPMENT**

Drip torch  
Fusee

The wildland firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR WILDLAND FIREFIGHTERS**" as defined in the *Fireline Handbook* (Appendix A, p. 39) which includes hard hat, fire resistant shirt/pants or jump suit, 8" leather boots, leather gloves, fire shelter, hearing/eye protection.

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

**SKILL #3 – Part 3**  
Ignition Devices

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

School: \_\_\_\_\_

Test Site: \_\_\_\_\_

Basic Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #3 – Part 3	S	U	S	U
Secure the fireline, given a wildland fire and suppression tools, water or other suppression agents, and equipment, so that burning materials and unburned fuels that threaten the integrity of the fireline are located and abated. (4.5.5)				
a. Identifies and explains the use of basic ignition devices				
b. Assembles a drip torch				
c. Describes fuel mixture for drip torch				
d. Describes safe transport and demonstrates storage of drip torch and fuel				
e. Describes how to properly use and deploy a fusee				
f. Describes safe transport and demonstrates storage of fusee				
g. Performs skill in a safe and proficient manner				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Evaluator/Candidate Comments:**

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**TEXAS COMMISSION ON FIRE PROTECTION  
BASIC WILDLAND FIREFIGHTER**

Performance Standards Evaluation

**All steps of the skill objective are mandatory and must be scored as  
“Satisfactory” to pass the skill.**

\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score

Pass ☐ Fail ☐

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Re-Test Score

Pass ☐ Fail ☐

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

**SKILL #3 – Part 4**  
Protect Structures

**Subject: Suppression**

**NFPA 1051, 4.5.6**

**Basic Wildland Firefighter**

**OBJECTIVE**

Describe the methods to reduce the threat of fire exposure to improved properties given a wildland or urban/interface fire, suppression tools, and equipment so that improvements are protected. (4.5.6)

**INSTRUCTIONS - procedures for achieving the objective**

Given a wildland or urban/interface fire scenario and using the *IRPG* or *Wildland Fire Incident Management Field Guide*, you will describe methods to reduce the threat of fire exposure to structures. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

**EXAMINER'S NOTE**

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

The wildland firefighter trainee shall be provided with a picture or video of a wildland or urban/interface with structures.

**PREPARATION & EQUIPMENT**

Picture or video scenario

*IRPG*

*Wildland Fire Incident Management Field Guide*

**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
 Performance Standards Evaluation

**SKILL #3 – Part 4**  
 Protect Structures

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

School: \_\_\_\_\_

Test Site: \_\_\_\_\_

Basic Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #3 – Part 4	S	U	S	U
Describe the methods to reduce the threat of fire exposure to improved properties given a wildland or urban/interface fire, suppression tools, and equipment so that improvements are protected. (4.5.6)				
a. Explains the importance of LCES				
b. Describes wildland structural triage				
c. Describes structural preparation for wildfire				
d. Identifies and explains fuel removal and ladder fuels				
e. Discusses structural ignition factors				
f. Explains equipment and personnel capabilities and limitations				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Evaluator/Candidate Comments:**

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score
Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score
Pass <input type="checkbox"/> Fail <input type="checkbox"/>

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

**SKILL #3 – Part 5**  
Mop-Up Fire Area

**Subject: Suppression**

**NFPA 1051, 4.5.7**

**Basic Wildland Firefighter**

**OBJECTIVE**

Mop up fire area, given a wildland fire, suppression tools, and water or other suppression agents and equipment, so that burning fuels that threaten escape are located and extinguished. (4.5.7)

**INSTRUCTIONS - procedures for achieving the objective**

Given a wildland fire scenario and using the *IRPG* or *Wildland Fire Incident Management Field Guide*, you will describe the tools and techniques needed to properly mop up a fire area to prevent reignition. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

**EXAMINER'S NOTE**

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

The wildland firefighter trainee shall be provided with a picture or video of a controlled wildland fire.

**PREPARATION & EQUIPMENT**

Picture or video scenario

*IRPG*

*Wildland Fire Incident Management Field Guide*

**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

**SKILL #3 – Part 5**  
Mop-Up Fire Area

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

School: \_\_\_\_\_

Test Site: \_\_\_\_\_

<b>Basic Wildland Firefighter</b>	<b><u>TEST</u></b>		<b><u>RETEST</u></b>	
<b>SKILL #3 – Part 5</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
Mop up fire area, given a wildland fire, suppression tools, and water or other suppression agents and equipment, so that burning fuels that threaten escape are located and extinguished. (4.5.7)				
a. Explains the importance of LCES				
b. Describes tools used to perform mop-up operations				
c. Describes techniques used to perform mop-up operations				
d. Identifies factors needed to prevent reignition				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Evaluator/Candidate Comments:**

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**BASIC WILDLAND FIREFIGHTER**  
Performance Standards Evaluation

\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score

Pass ☐ Fail ☐

Overall Skill Sheet Re-Test Score

Pass ☐ Fail ☐

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# EQUIPMENT LIST

## BASIC WILDLAND FIRE FIGHTER CURRICULUM

BASIC WILDLAND FIRE FIGHTER								
Item	Skill Numbers							
	1	2 (part 1)	2 (part 2)	3 (part 1)	3 (part 2)	3 (part 3)	3 (part 4)	3 (part 5)
Practice fire shelter	✓	✓						
Hard hat		✓						
Hand tools specific to the task	✓							
Timing device	✓							
Fire resistant shirt/pants or jump suit		✓						
8" leather boots		✓						
Leather gloves		✓						
Eye protection		✓						
Axe			✓		✓			
Pulaski			✓		✓			
McLeod			✓		✓			
Combi tool			✓		✓			
Shovel			✓		✓			
Grub hoe			✓		✓			
File			✓		✓			
<i>Incident Response Pocket Guide (IRPG)</i>				✓			✓	✓
<i>Wildland Fire Incident Mgmt Field Guide</i>							✓	✓
Fire rake					✓			
Broom					✓			
Other miscellaneous hand tools (AHJ)					✓			
Backpack pump (or other agent application equipmt)					✓			
Drip torch						✓		
Fusee						✓		
Picture or video scenario							✓	✓

# Wildland Fire Fighter Skills

Discipline	Objective	Skill Number	Functional Name	NFPA 1051 #
Basic	General	1	Using a Fire Shelter	4.1.1
Basic	Preparedness	2	Part 1 - Inspect PPE	4.1.1, 4.3.2
			Part 2 - Equipment Maintenance	4.3.3
Basic	Suppression	3	Part 1 - Using the IRPG	4.5.3
			Part 2 - Constructing a Fireline	4.5.4
			Part 3 - Ignition Devices	4.5.5
			Part 4 - Protect Structures	4.5.6
			Part 5 - Mop Up Fire Area	4.5.7
Intermediate	General	1	Using a Map and Compass	6.1.1
Intermediate	General	2	Using a Radio	6.1.1
Intermediate	HR Management	3	Evaluating Crew Members Readiness	6.2.1
Intermediate	HR Management	4	Briefing & Leading Personnel	6.2.2, 6.2.3
Intermediate	Preparedness	5	Maintaining Power Tools & Portable Pumps	6.3.2
Intermediate	Suppression	6	Protect Improved Property	6.5.3
Intermediate	Preparedness	7	Operate a Chainsaw	6.5.4, 6.3.3
Intermediate	Suppression	8	Operate Water Delivery Equipment	6.5.5, 6.3.3
Intermediate	Suppression	9	Evidence Preservation & Site Security	6.5.6
Intermediate	Suppression	10	Communicate Fire Behavior	6.5.7